



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RB23033027**  
**Job Sheet 199646**



Part No: RB23033027

Job Qty: 2 pcs

Part Name: Puller Bearing &amp; Mating Seal Race Compressor



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/29/19

Job Tracking No:

Due Date: 11/11/19

Created By: Chantal Lavoie

Type: SOLD

Description:

Note: DWG RB23033027 Rev A IPP Rev. A 19.08.28 New issue DP Verify DD

Ship Via:

## Bill of Materials

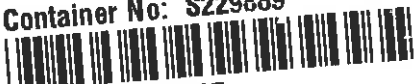
## Job Routing

| Op No | Operation                     | Qty   | Start Date | Due Date | Standard Setup Hrs | Run Hrs | Workcenter/Supplier    | Workcenter / Supplier Lead Time | Sign-off       |
|-------|-------------------------------|-------|------------|----------|--------------------|---------|------------------------|---------------------------------|----------------|
| 100   | Purchasing                    | 2 pcs | 11/11/19   | 11/11/19 | 0.00               | 0.00    | Purchasing - 1         |                                 | NE NOV 07 2019 |
|       |                               |       |            |          |                    |         | Purchasing - 2         |                                 |                |
|       |                               |       |            |          |                    |         | Purchasing - 3         |                                 |                |
| 110   | Packaging 2-1 - Receive - B4B | 2 pcs | 11/11/19   | 11/11/19 | 0.00               | 0.00    | Packaging 2 - 1 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 2 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 3 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 5 - B4B  |                                 | NE NOV 07 2019 |
|       |                               |       |            |          |                    |         | Packaging 2 - 4 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 6 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 7 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 8 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 9 - B4B  |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 10 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 11 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 12 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 13 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 14 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 15 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 16 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 17 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 18 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 19 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 20 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 21 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 22 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 23 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 24 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 25 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 26 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 27 - B4B |                                 |                |
|       |                               |       |            |          |                    |         | Packaging 2 - 28 - B4B |                                 |                |

1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 819 632-5203  
Email: sales@dartaero.com  
www.dartaerospace.com



Container No: S229889



Part: RB23033027

Job No: 199646

Serial No/Batch: S229889

Revision: A

Inspector:

Exp Date:

Instructions:

Date: 11/07/19

|                                 |       |          |           |  |                        |                |
|---------------------------------|-------|----------|-----------|--|------------------------|----------------|
|                                 |       |          |           |  | Packaging 2 - 29 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 30 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 31 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 32 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 33 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 34 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 35 - B4B |                |
|                                 |       |          |           |  | Packaging 2 - 36 - B4B |                |
| 120 QC 6                        | 2 pcs | 11/11/19 | 0.00 0.00 |  | QC 6 - 9               | DAS            |
|                                 |       |          |           |  | QC 6 - 68              | NOV 07 2019 68 |
|                                 |       |          |           |  | QC 6 - 61              | 9-89           |
|                                 |       |          |           |  | QC 6 - 40              |                |
|                                 |       |          |           |  | QC 6 - 81              |                |
| 130 Packaging 3-1 - Stock - B4B | 2 pcs | 11/11/19 | 0.00 0.00 |  | Packaging 3 - 1 - B4B  |                |
|                                 |       |          |           |  | Packaging 3 - 2 - B4B  |                |
|                                 |       |          |           |  | Packaging 3 - 3 - B4B  |                |
|                                 |       |          |           |  | Packaging 3 - 4 - B4B  |                |
|                                 |       |          |           |  | Packaging 3 - 5 - B4B  | DAS            |
|                                 |       |          |           |  | Packaging 3 - 6 - B4B  | 28             |
|                                 |       |          |           |  | Packaging 3 - 7 - B4B  | 9-89           |
|                                 |       |          |           |  | Packaging 3 - 8 - B4B  |                |
|                                 |       |          |           |  | Packaging 3 - 9 - B4B  |                |
|                                 |       |          |           |  | Packaging 3 - 10 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 11 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 12 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 13 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 14 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 15 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 16 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 17 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 18 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 19 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 20 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 21 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 22 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 23 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 24 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 25 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 26 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 27 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 28 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 29 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 30 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 31 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 32 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 33 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 34 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 35 - B4B |                |
|                                 |       |          |           |  | Packaging 3 - 36 - B4B |                |
| 140 QC 21 - FG                  | 2 pcs | 11/11/19 | 0.00 0.00 |  | QC 21 - FG - 21        | DAS            |
|                                 |       |          |           |  | QC 21 - FG - 70        | NOV 12 2019 70 |
|                                 |       |          |           |  | QC 21 - SA - 53        | 9-89           |

Part Op 100 - (Purchasing) Issue P/O: \_\_\_\_\_ MANUFACTURE RB23033027 AS PER DWG Supplier: ARROW TECH  
 Descriptions: Certificate of conformity is required  
 110 - (Receive & Inspect for Damage & Mat'l Certs)  
 120 - (QC6- All purchased or subcontracted products)  
 130 - (Identify as per dwg & Stock Location: \_\_\_\_\_)  
 140 - (QC21- Final Inspection - Work Order Release)

| Job BOM                            |                                              |              |                |           |
|------------------------------------|----------------------------------------------|--------------|----------------|-----------|
| Part / Item                        | Component Name                               | Quantity     | Operation      | Container |
| RB23033027P                        | PULLER BRG & MATING SEAL RACE-FRT COMPRESSOR | 2 pcs (1 ea) | 100-Purchasing | S229876   |
| Job Allocations                    |                                              |              |                |           |
| Operation                          | Component Part                               | Required     | Inventory      | Allocated |
| 100-Purchasing                     | RB23033027P                                  | 2            | 0              | 0         |
| Part Specifications                |                                              |              |                |           |
| Specifications could not be found. |                                              |              |                |           |

Plex 8/29/19 7:36 AM Dart.Lavoie.Chantal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **POHB044373**



**Supplier:** ARR002-VU  
Arrow Tech Machine Works  
29751 E. Enid Road,  
Unit C  
Eugene, OR 97402 USA  
Phone: 541-780-6938  
Fax: 458-215-4938

**Attention:** , Ana  
(541) 780-6938

**Ship To:**

**PO No:** POHB044373

**PO Date:** 8/29/19

**Due Date:** 11/11/19

**Purchase Order**  
**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
Phone: 613-623-5200 Ext: 242  
Fax: 613-632-1053  
clavoie@dartaero.com

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:** QUOTE NO 332

**E-MAILED**  
AUG 29 2019

## **Items**

| Line Item | Job    | Part        | Supplier Part No | Item No | Description                                      | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
|-----------|--------|-------------|------------------|---------|--------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 199646 | RB23033027P |                  |         | PULLER BRG & MATING SEAL RACE-FRT COMPRESSOR     | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$1,835.26/pcs   | \$3,670.52     |
| 2         | 199647 | RB23033034P |                  |         | PULLR-COMPRESSOR FRONT BEARING OUTER RACE        | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$1,344.20/pcs   | \$2,688.40     |
| 3         | 199648 | RB6895957P  |                  |         | GEARBOX TUBE ALIGN TOOL                          | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$1,264.00/pcs   | \$2,528.00     |
| 4         | 199649 | RB23006785P |                  |         | SPUR ADAPTER GEAR INST. TOOL                     | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$581.00/pcs     | \$1,162.00     |
| 5         | 199650 | RB6795966P  |                  |         | Compressor Disassembly Fixture                   | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$3,094.45/pcs   | \$6,188.90     |
| 6         | 199651 | RB6873066P  |                  |         | COMP AXIS ALIGNMENT FIXTURE                      | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$3,419.00/pcs   | \$6,838.00     |
| 7         | 199652 | RB23003267P |                  |         | Power Turbine Support Cleaning C-18, C-20 & C-28 | Firmed |         | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$2,162.00/pcs   | \$4,324.00     |



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Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044373



| Items     |        |            |                  |         |                                             |        |         |          |                |                   |         |                  |                |
|-----------|--------|------------|------------------|---------|---------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job    | Part       | Supplier Part No | Item No | Description                                 | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
| 8         | 199653 | RB6795590P |                  |         | Puller-Bearing-Gas Producer & Power Turbine | Firmed | -       | 11/11/19 | 2 pcs          | 0 pcs             | 2 pcs   | \$3,581.00/pcs   | \$7,162.00     |
|           |        |            |                  |         |                                             |        |         |          |                |                   |         | Grand Total:     | \$34,561.82    |

### Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

#### Procurement Quality Clauses

A005 RIGHT OF ENTRY  
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)  
A012 CHEMICAL AND PHYSICAL TEST REPORTS  
A016 PERSONNEL QUALIFICATION  
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 8/29/19 8:28 AM Dart.Lavoie.Chantal



**ARROW TECH MACHINE WORKS**

## **Certificate of Conformance**

Your Purchase Order No: HB044373

Dated: 11/1/2019

Our Order / Job No: AWT-HB044373 A1

Order Qty: 2

Part Name: PULLER BRG & MATING SEAL RACE-FRT COMPRESSOR

Part Number RB23033027

Lot Size: N/A

Ship Date: 11/1/2019

We ~~certify~~ that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all ~~required~~ specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RB23033027

Rev: A

Material Size and Type: -1/ 1018 STEEL; -2/ 4140 STEEL; -3/ DOM STEEL; -4/ 4140 Q&T

Material Specifications: STEEL: ASTM A108; DOM STEEL: ASTM A513

Heat Treatment: (28-32 RC); -2/ 37-38 RC

Plating/Finish: BLACK OXIDE: QMSI-6.2.2 B.O. REV-D

**Mercury Contamination:** The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: Nov 1<sup>st</sup> 2019

Signed: Hernan Rold

DAS  
68  
9-89

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**PHGE Machine Works LLC dba Arrow Tech Machine Works**  
**29751 E. Enid Rd. Unit C Eugene, Oregon 97402**  
**Main: (541) 780-6938 | Fax: (458) 215-4938**  
**[www.atechmachineworks.com](http://www.atechmachineworks.com)**

## PACKING SLIP

**Arrow Tech Machine Works**  
29751 E. Enid Road Unit C  
Eugene, OR 97402  
(541) 780-6938

|                     |      |
|---------------------|------|
| Packing Slip Number | 7101 |
|---------------------|------|

|              |           |
|--------------|-----------|
| <b>Date:</b> | 11/1/2019 |
|--------------|-----------|

Ship Via: **FED-EX**

|      |          |
|------|----------|
| PO#: | HB044373 |
|------|----------|

Ship to: DART AEROSPACE  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
CANADA

Bill to: DART AEROSPACE  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
CANADA

[illegible]

RECEIVED

NOV 05 2019

**DART AEROSPACE LTD**

**UNIT MANAGER LID.**

|              |  |
|--------------|--|
| Received by: |  |
| Checked by:  |  |
| Packaged by: |  |

|              |  |
|--------------|--|
| Page Number: |  |
|--------------|--|